

## SEQUENCE LISTING

&lt;110&gt; INCYTE GENOMICS, INC.

TANG, Y. Tom  
HILLMAN, Jennifer L.  
BANDMAN, Olga  
YUE, Henry  
BAUGHN, Mariah R.  
LAL, Preeti  
LU, Dyung Aina M.  
SHAH, Purvi  
AZIMZAI, Yalda

&lt;120&gt; HUMAN SYNTHETASES

&lt;130&gt; PF-0721 PCT

&lt;140&gt; To Be Assigned

&lt;141&gt; Herewith

&lt;150&gt; 60/144,992; 60,168,858

&lt;151&gt; 1999-07-22; 1999-12-02

&lt;160&gt; 30

&lt;170&gt; PERL Program

&lt;210&gt; 1

&lt;211&gt; 1176

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1806212CD1

&lt;400&gt; 1

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					20				25				30	
Glu	Val	Asn	Ala	Ser	Asn	Leu	Glu	Lys	Gln	Thr	Ser	Lys	Gly	Lys
						35			40				45	
Tyr	Phe	Val	Thr	Phe	Pro	Tyr	Pro	Tyr	Met	Asn	Gly	Arg	Leu	His
					50				55				60	
Leu	Gly	His	Thr	Phe	Ser	Leu	Ser	Lys	Cys	Glu	Phe	Ala	Val	Gly
					65				70				75	
Tyr	Gln	Arg	Leu	Lys	Gly	Lys	Cys	Cys	Leu	Phe	Pro	Phe	Gly	Leu
					80				85				90	
His	Cys	Thr	Gly	Met	Pro	Ile	Lys	Ala	Cys	Ala	Asp	Lys	Leu	Lys
					95				100				105	
Arg	Glu	Ile	Glu	Leu	Tyr	Gly	Cys	Pro	Pro	Asp	Phe	Pro	Asp	Glu
					110				115				120	
Glu	Glu	Glu	Glu	Glu	Glu	Thr	Ser	Val	Lys	Thr	Glu	Asp	Ile	Ile
					125				130				135	
Ile	Lys	Asp	Lys	Ala	Lys	Gly	Lys	Lys	Ser	Lys	Ala	Ala	Ala	Lys
					140				145				150	
Ala	Gly	Ser	Ser	Lys	Tyr	Gln	Trp	Gly	Ile	Met	Lys	Ser	Leu	Gly
					155				160				165	
Leu	Ser	Asp	Glu	Glu	Ile	Val	Lys	Phe	Ser	Glu	Ala	Glu	His	Trp
					170				175				180	
Leu	Asp	Tyr	Phe	Pro	Pro	Leu	Ala	Ile	Gln	Asp	Leu	Lys	Arg	Met
					185				190				195	

Gly Leu Lys Val Asp Trp Arg Arg Ser Phe Ile Thr Thr Asp Val  
 200 205 210  
 Asn Pro Tyr Tyr Asp Ser Phe Val Arg Trp Gln Phe Leu Thr Leu  
 215 220 225  
 Arg Glu Arg Asn Lys Ile Lys Phe Gly Lys Arg Tyr Thr Ile Tyr  
 230 235 240  
 Ser Pro Lys Asp Gly Gln Pro Cys Met Asp His Asp Arg Gln Thr  
 245 250 255  
 Gly Glu Gly Val Gly Pro Gln Glu Tyr Thr Leu Leu Lys Leu Lys  
 260 265 270  
 Val Leu Glu Pro Tyr Pro Ser Lys Leu Ser Gly Leu Lys Gly Lys  
 275 280 285  
 Asn Ile Phe Leu Val Ala Ala Thr Leu Arg Pro Glu Thr Met Phe  
 290 295 300  
 Gly Gln Thr Asn Cys Trp Val Arg Pro Asp Met Lys Tyr Ile Gly  
 305 310 315  
 Phe Glu Thr Val Asn Gly Asp Ile Phe Ile Cys Thr Gln Lys Ala  
 320 325 330  
 Ala Arg Asn Met Ser Tyr Gln Gly Phe Thr Lys Asp Asn Gly Val  
 335 340 345  
 Val Pro Val Val Lys Glu Leu Met Gly Glu Glu Ile Leu Gly Ala  
 350 355 360  
 Ser Leu Ser Ala Pro Leu Thr Ser Tyr Lys Val Ile Tyr Val Leu  
 365 370 375  
 Pro Met Leu Thr Ile Lys Glu Asp Lys Gly Thr Gly Val Val Thr  
 380 385 390  
 Ser Val Pro Ser Asp Ser Pro Asp Asp Ile Ala Ala Leu Arg Asp  
 395 400 405  
 Leu Lys Lys Lys Gln Ala Leu Arg Ala Lys Tyr Gly Ile Arg Asp  
 410 415 420  
 Asp Met Val Leu Pro Phe Glu Pro Val Pro Val Ile Glu Ile Pro  
 425 430 435  
 Gly Phe Gly Asn Leu Ser Ala Val Thr Ile Cys Asp Glu Leu Lys  
 440 445 450  
 Ile Gln Ser Gln Asn Asp Arg Glu Lys Leu Ala Glu Ala Lys Glu  
 455 460 465  
 Lys Ile Tyr Leu Lys Gly Phe Tyr Glu Gly Ile Met Leu Val Asp  
 470 475 480  
 Gly Phe Lys Gly Gln Lys Val Gln Asp Val Lys Lys Thr Ile Gln  
 485 490 495  
 Lys Lys Met Ile Asp Ala Gly Asp Ala Leu Ile Tyr Met Glu Pro  
 500 505 510  
 Glu Lys Gln Val Met Ser Arg Ser Ser Asp Glu Cys Val Val Ala  
 515 520 525  
 Leu Cys Asp Gln Trp Tyr Leu Asp Tyr Gly Glu Glu Asn Trp Lys  
 530 535 540  
 Lys Gln Thr Ser Gln Cys Leu Lys Asn Leu Glu Thr Phe Cys Glu  
 545 550 555  
 Glu Thr Arg Arg Asn Phe Glu Ala Thr Leu Gly Trp Leu Gln Glu  
 560 565 570  
 His Ala Cys Ser Arg Thr Tyr Gly Leu Gly Thr His Leu Pro Trp  
 575 580 585  
 Asp Glu Gln Trp Leu Ile Glu Ser Leu Ser Asp Ser Thr Ile Tyr  
 590 595 600  
 Met Ala Phe Tyr Thr Val Ala His Leu Leu Gln Gly Gly Asn Leu  
 605 610 615  
 His Gly Gln Ala Glu Ser Pro Leu Gly Ile Arg Pro Gln Gln Met  
 620 625 630  
 Thr Lys Glu Val Trp Asp Tyr Val Phe Phe Lys Glu Ala Pro Phe  
 635 640 645  
 Pro Lys Thr Gln Ile Ala Lys Glu Lys Leu Asp Gln Leu Lys Gln  
 650 655 660  
 Glu Phe Glu Phe Trp Tyr Pro Val Asp Leu Arg Val Ser Gly Lys  
 665 670 675  
 Asp Leu Val Pro Asn His Leu Ser Tyr Tyr Leu Tyr Asn His Val

680	685	690
Ala Met Trp Pro Glu Gln Ser Asp Lys	Trp Pro Thr Ala Val	Arg
695	700	705
Ala Asn Gly His Leu Leu Leu Asn Ser	Glu Lys Met Ser Lys	Ser
710	715	720
Thr Gly Asn Phe Leu Thr Leu Thr Gln	Ala Ile Asp Lys Phe	Ser
725	730	735
Ala Asp Gly Met Arg Leu Ala Leu Ala	Asp Ala Gly Asp Thr	Val
740	745	750
Glu Asp Ala Asn Phe Val Glu Ala Met	Ala Asp Ala Gly Ile	Leu
755	760	765
Arg Leu Tyr Thr Trp Val Glu Trp Val	Lys Glu Met Val Ala	Asn
770	775	780
Trp Asp Ser Leu Arg Ser Gly Pro Ala	Ser Thr Phe Asn Asp	Arg
785	790	795
Val Phe Ala Ser Glu Leu Asn Ala Gly	Ile Ile Lys Thr Asp	Gln
800	805	810
Asn Tyr Glu Lys Met Met Phe Lys Glu	Ala Leu Lys Thr Gly	Phe
815	820	825
Phe Glu Phe Gln Ala Ala Lys Asp Lys	Tyr Arg Glu Leu Ala	Val
830	835	840
Glu Gly Met His Arg Glu Leu Val Phe	Arg Phe Ile Glu Val	Gln
845	850	855
Thr Leu Leu Leu Ala Pro Phe Cys Pro	His Leu Cys Glu His	Ile
860	865	870
Trp Thr Leu Leu Gly Lys Pro Asp Ser	Ile Met Asn Ala Ser	Trp
875	880	885
Pro Val Ala Gly Pro Val Asn Glu Val	Leu Ile His Ser Ser	Gln
890	895	900
Tyr Leu Met Glu Val Thr His Asp Leu	Arg Leu Arg Leu Lys	Asn
905	910	915
Tyr Met Met Pro Ala Lys Gly Lys Lys	Thr Asp Lys Gln Pro	Leu
920	925	930
Gln Lys Pro Ser His Cys Thr Ile Tyr	Val Ala Lys Asn Tyr	Pro
935	940	945
Pro Trp Gln His Thr Thr Leu Ser Val	Leu Arg Lys His Phe	Glu
950	955	960
Ala Asn Asn Gly Lys Leu Pro Asp Asn	Lys Val Ile Ala Ser	Glu
965	970	975
Leu Gly Ser Met Pro Glu Leu Lys Lys	Tyr Met Lys Lys Val	Met
980	985	990
Pro Phe Val Ala Met Ile Lys Glu Asn	Leu Glu Lys Met Gly	Pro
995	1000	1005
Arg Ile Leu Asp Leu Gln Leu Glu Phe	Asp Glu Lys Ala Val	Leu
1010	1015	1020
Met Glu Asn Ile Val Tyr Leu Thr Asn	Ser Leu Glu Leu Glu	His
1025	1030	1035
Ile Glu Val Lys Phe Ala Ser Glu Ala	Glu Asp Lys Ile Arg	Glu
1040	1045	1050
Asp Cys Cys Pro Gly Lys Pro Leu Asn	Val Phe Arg Ile Glu	Pro
1055	1060	1065
Gly Val Ser Val Ser Leu Val Asn Pro	Gln Pro Ser Asn Gly	His
1070	1075	1080
Phe Ser Thr Lys Ile Glu Ile Arg Gln	Gly Asp Asn Cys Asp	Ser
1085	1090	1095
Ile Ile Arg Arg Leu Met Lys Met Asn	Arg Gly Ile Lys Asp	Leu
1100	1105	1110
Ser Lys Val Lys Leu Met Arg Phe Asp	Asp Pro Leu Leu Gly	Pro
1115	1120	1125
Arg Arg Val Pro Val Leu Gly Lys Glu	Tyr Thr Glu Lys Thr	Pro
1130	1135	1140
Ile Ser Glu His Ala Val Phe Asn Val	Asp Leu Met Ser Lys	Lys
1145	1150	1155
Ile His Leu Thr Glu Asn Gly Ile Arg	Val Asp Ile Gly Asp	Thr
1160	1165	1170

Ile Ile Tyr Leu Val His  
1175

<210> 2

<211> 739

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2083883CD1

<400> 2

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Gly	Lys	Lys	Asp	Arg	Asp	Ser	Cys	Gly	Arg	Lys	Asn	Ser	Glu	Pro
									25				30	
Gly	Ser	Pro	His	Ser	Leu	Glu	Ala	Leu	Arg	Asp	Ala	Ala	Pro	Ser
									40				45	
Gln	Gly	Leu	Asn	Phe	Leu	Leu	Leu	Phe	Thr	Lys	Met	Leu	Phe	Ile
									55				60	
Phe	Asn	Phe	Leu	Phe	Ser	Pro	Leu	Pro	Thr	Pro	Ala	Leu	Ile	Cys
									70				75	
Ile	Leu	Thr	Phe	Gly	Ala	Ala	Ile	Phe	Leu	Trp	Leu	Ile	Thr	Arg
									85				90	
Pro	Gln	Pro	Val	Leu	Pro	Leu	Leu	Asp	Leu	Asn	Asn	Gln	Ser	Val
									100				105	
Gly	Ile	Glu	Gly	Gly	Ala	Arg	Lys	Gly	Val	Ser	Gln	Lys	Asn	Asn
									115				120	
Asp	Leu	Thr	Ser	Cys	Cys	Phe	Ser	Asp	Ala	Lys	Thr	Met	Tyr	Glu
									125				135	
Val	Phe	Gln	Arg	Gly	Leu	Ala	Val	Ser	Asp	Asn	Gly	Pro	Cys	Leu
									140				150	
Gly	Tyr	Arg	Lys	Pro	Asn	Gln	Pro	Tyr	Arg	Trp	Leu	Ser	Tyr	Lys
									155				165	
Gln	Val	Ser	Asp	Arg	Ala	Glu	Tyr	Leu	Gly	Ser	Cys	Leu	Leu	His
									170				180	
Lys	Gly	Tyr	Lys	Ser	Ser	Pro	Asp	Gln	Phe	Val	Gly	Ile	Phe	Ala
									185				195	
Gln	Asn	Arg	Pro	Glu	Trp	Ile	Ile	Ser	Glu	Leu	Ala	Cys	Tyr	Thr
									200				210	
Tyr	Ser	Met	Val	Ala	Val	Pro	Leu	Tyr	Asp	Thr	Leu	Gly	Pro	Glu
									215				225	
Ala	Ile	Val	His	Ile	Val	Asn	Lys	Ala	Asp	Ile	Ala	Val	Val	Ile
									230				240	
Cys	Asp	Thr	Pro	Gln	Lys	Ala	Leu	Val	Leu	Ile	Gly	Asn	Val	Glu
									245				255	
Lys	Gly	Phe	Thr	Pro	Ser	Leu	Lys	Val	Ile	Ile	Leu	Met	Asp	Pro
									260				270	
Phe	Asp	Asp	Asp	Leu	Lys	Gln	Arg	Gly	Glu	Lys	Ser	Gly	Ile	Glu
									275				285	
Ile	Leu	Ser	Leu	Tyr	Asp	Ala	Glu	Asn	Leu	Gly	Lys	Glu	His	Phe
									290				300	
Arg	Lys	Pro	Val	Pro	Pro	Ser	Pro	Glu	Asp	Leu	Ser	Val	Ile	Cys
									305				315	
Phe	Thr	Ser	Gly	Thr	Thr	Gly	Asp	Pro	Lys	Gly	Ala	Met	Ile	Thr
									320				330	
His	Gln	Asn	Ile	Val	Ser	Asn	Ala	Ala	Ala	Phe	Leu	Lys	Cys	Val
									335				345	
Glu	His	Aia	Tyr	Glu	Pro	Thr	Pro	Asp	Asp	Val	Ala	Ile	Ser	Tyr
									350				360	
Leu	Pro	Leu	Ala	His	Met	Phe	Glu	Arg	Ile	Val	Gln	Ala	Val	Val
									365				375	
Tyr	Ser	Cys	Gly	Ala	Arg	Val	Gly	Phe	Phe	Gln	Gly	Asp	Ile	Arg
									380				390	
Leu	Leu	Ala	Asp	Asp	Met	Lys	Thr	Leu	Lys	Pro	Thr	Leu	Phe	Pro

395	400	405
Ala Val Pro Arg Leu Leu Asn Arg Ile	Tyr Asp Lys Val Gln Asn	
410	415	420
Glu Ala Lys Thr Pro Leu Lys Lys Phe	Leu Leu Lys Leu Ala Val	
425	430	435
Ser Ser Lys Phe Lys Glu Leu Gln Lys	Gly Ile Ile Arg His Asp	
440	445	450
Ser Phe Trp Asp Lys Leu Ile Phe Ala	Lys Ile Gln Asp Ser Leu	
455	460	465
Gly Gly Arg Val Arg Val Ile Val Thr	Gly Ala Ala Pro Met Ser	
470	475	480
Thr Ser Val Met Thr Phe Phe Arg Ala	Ala Met Gly Cys Gln Val	
485	490	495
Tyr Glu Ala Tyr Gly Gln Thr Glu Cys	Thr Gly Gly Cys Thr Phe	
500	505	510
Thr Leu Pro Gly Asp Trp Thr Ser Gly	His Val Gly Val Pro Leu	
515	520	525
Ala Cys Asn Tyr Val Lys Leu Glu Asp	Val Ala Asp Met Asn Tyr	
530	535	540
Phe Thr Val Asn Asn Glu Gly Glu Val	Cys Ile Lys Gly Thr Asn	
545	550	555
Val Phe Lys Gly Tyr Leu Lys Asp Pro	Glu Lys Thr Gln Glu Ala	
560	565	570
Leu Asp Ser Asp Gly Trp Leu His Thr	Gly Asp Ile Gly Arg Trp	
575	580	585
Leu Pro Asn Gly Thr Leu Lys Ile Ile	Asp Arg Lys Lys Asn Ile	
590	595	600
Phe Lys Leu Ala Gln Gly Glu Tyr Ile	Ala Pro Glu Lys Ile Glu	
605	610	615
Asn Ile Tyr Asn Arg Ser Gln Pro Val	Leu Gln Ile Phe Val His	
620	625	630
Gly Glu Ser Leu Arg Ser Ser Leu Val	Gly Val Val Val Pro Asp	
635	640	645
Thr Asp Val Leu Pro Ser Phe Ala Ala	Lys Leu Gly Val Lys Gly	
650	655	660
Ser Phe Glu Glu Leu Cys Gln Asn Gln	Val Val Arg Glu Ala Ile	
665	670	675
Leu Glu Asp Leu Gln Lys Ile Gly Lys	Glu Ser Gly Leu Lys Thr	
680	685	690
Phe Glu Gln Val Lys Ala Ile Phe Leu	His Pro Glu Pro Phe Ser	
695	700	705
Ile Glu Asn Gly Leu Leu Thr Pro Thr	Leu Lys Ala Lys Arg Gly	
710	715	720
Glu Leu Ser Lys Tyr Phe Arg Thr Gln	Ile Asp Ser Leu Tyr Glu	
725	730	735
His Ile Gln Asp		

<210> 3  
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 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 2454288CD1

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 Gly Arg Thr Tyr Thr Asp Glu Glu Phe Asp Glu Leu Cys Phe Glu  
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 Phe Gly Leu Glu Leu Asp Glu Ile Thr Ser Glu Lys Glu Ile Ile  
 35 40 45  
 Ser Lys Glu Gln Gly Asn Val Lys Ala Ala Gly Ala Ser Asp Val  
 50 55 60

Val Leu Tyr Lys Ile Asp Val Pro Ala Asn Arg Tyr Asp Leu Leu  
 65 70 75  
 Cys Leu Glu Gly Leu Val Arg Gly Leu Gln Val Phe Lys Glu Arg  
 80 85 90  
 Ile Lys Ala Pro Val Tyr Lys Arg Val Met Pro Asp Gly Lys Ile  
 95 100 105  
 Gln Lys Leu Ile Ile Thr Glu Glu Thr Ala Lys Ile Arg Pro Phe  
 110 115 120  
 Ala Val Ala Ala Val Leu Arg Asn Ile Lys Phe Thr Lys Asp Arg  
 125 130 135  
 Tyr Asp Ser Phe Ile Glu Leu Gln Glu Lys Leu His Gln Asn Ile  
 140 145 150  
 Cys Arg Lys Arg Ala Leu Val Ala Ile Gly Thr His Asp Leu Asp  
 155 160 165  
 Thr Leu Ser Gly Pro Phe Thr Tyr Thr Ala Lys Arg Pro Ser Asp  
 170 175 180  
 Ile Lys Phe Lys Pro Leu Asn Lys Thr Lys Glu Tyr Thr Ala Cys  
 185 190 195  
 Glu Leu Met Asn Ile Tyr Lys Thr Asp Asn His Leu Lys His Tyr  
 200 205 210  
 Leu His Ile Ile Glu Asn Lys Pro Leu Tyr Pro Val Ile Tyr Asp  
 215 220 225  
 Ser Asn Gly Val Val Leu Ser Met Pro Pro Ile Ile Asn Gly Asp  
 230 235 240  
 His Ser Arg Ile Thr Val Asn Thr Arg Asn Ile Phe Ile Glu Cys  
 245 250 255  
 Thr Gly Thr Asp Phe Thr Lys Ala Lys Ile Val Leu Asp Ile Ile  
 260 265 270  
 Val Thr Met Phe Ser Glu Tyr Cys Glu Asn Gln Phe Thr Val Glu  
 275 280 285  
 Ala Ala Glu Val Val Phe Pro Asn Gly Lys Ser His Thr Phe Pro  
 290 295 300  
 Glu Leu Ala Tyr Arg Lys Glu Met Val Arg Ala Asp Leu Ile Asn  
 305 310 315  
 Lys Lys Val Gly Ile Arg Glu Thr Pro Glu Asn Leu Ala Lys Leu  
 320 325 330  
 Leu Thr Arg Met Tyr Leu Lys Ser Glu Val Ile Gly Asp Gly Asn  
 335 340 345  
 Gln Ile Glu Ile Glu Ile Pro Pro Thr Arg Ala Asp Ile Ile His  
 350 355 360  
 Ala Cys Asp Ile Val Glu Asp Ala Ala Ile Ala Tyr Gly Tyr Asn  
 365 370 375  
 Asn Ile Gln Met Thr Leu Pro Lys Thr Tyr Thr Ile Ala Asn Gln  
 380 385 390  
 Phe Pro Leu Asn Lys Leu Thr Glu Leu Leu Arg His Asp Met Ala  
 395 400 405  
 Ala Ala Gly Phe Thr Glu Ala Leu Thr Phe Ala Leu Cys Ser Gln  
 410 415 420  
 Glu Asp Ile Ala Asp Lys Leu Gly Val Asp Ile Ser Ala Thr Lys  
 425 430 435  
 Ala Val His Ile Ser Asn Pro Lys Thr Ala Glu Phe Gln Val Ala  
 440 445 450  
 Arg Thr Thr Leu Leu Pro Gly Leu Leu Lys Thr Ile Ala Ala Asn  
 455 460 465  
 Arg Lys Met Pro Leu Pro Leu Lys Leu Phe Glu Ile Ser Asp Ile  
 470 475 480  
 Val Ile Lys Asp Ser Asn Thr Asp Val Gly Ala Lys Asn Tyr Arg  
 485 490 495  
 His Leu Cys Ala Val Tyr Tyr Asn Lys Asn Pro Gly Phe Glu Ile  
 500 505 510  
 Ile His Gly Leu Leu Asp Arg Ile Met Gln Leu Leu Asp Val Pro  
 515 520 525  
 Pro Gly Glu Asp Lys Gly Gly Tyr Val Ile Lys Ala Ser Glu Gly  
 530 535 540  
 Pro Ala Phe Phe Pro Gly Arg Cys Ala Glu Ile Phe Ala Arg Gly

	545		550		555									
Gln	Ser	Val	Gly	Lys	Leu	Gly	Val	Leu	His	Pro	Asp	Val	Ile	Thr
				560					565					570
Lys	Phe	Glu	Leu	Thr	Met	Pro	Cys	Ser	Ser	Leu	Glu	Ile	Asn	Ile
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Gly	Pro	Phe	Leu											

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<211> 157

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 1513539CD1

<400> 4

Met	Lys	Leu	Lys	Cys	Ile	Phe	Gly	Ala	Thr	Lys	Glu	Thr	Ser	
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Cys	Tyr	Asn	Val	Thr	Asn	Ile	Gly	Phe	Lys	Ser	Pro	Ser	Asp	Phe
				20					25					30
Trp	Gln	Ser	Val	His	Ser	Thr	Leu	Pro	Arg	Glu	Leu	Ala	Pro	Cys
				35					40					45
Leu	Val	Phe	Asn	Thr	Ser	Pro	Asn	Leu	Ala	Leu	Phe	Ser	Ala	Ala
				50					55					60
Phe	Ala	Phe	Ile	Val	Val	Lys	Asp	Ser	Ala	Gly	Asp	Ser	Asp	Val
				65					70					75
Val	Val	Gln	Glu	Leu	Lys	Ser	Met	Val	Ala	Thr	Lys	Ile	Ala	Lys
				80					85					90
Tyr	Ala	Val	Pro	Asp	Glu	Ile	Leu	Val	Val	Lys	Arg	Leu	Pro	Lys
				95					100					105
Thr	Arg	Ser	Gly	Lys	Val	Met	Arg	Arg	Leu	Leu	Arg	Lys	Ile	Ile
				110					115					120
Thr	Ser	Glu	Ala	Gln	Glu	Leu	Gly	Asp	Thr	Thr	Leu	Glu	Asp	
				125					130					135
Pro	Ser	Ile	Ile	Ala	Glu	Ile	Leu	Ser	Val	Tyr	Gln	Lys	Cys	Lys
				140					145					150
Asp	Lys	Gln	Ala	Ala	Ala	Ala	Lys							
				155										

<210> 5

<211> 643

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2148623CD1

<400> 5

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Ser	Gln	Asp	Leu	Lys	Glu	Asp	Leu	Leu	Tyr	Asn	Leu	Lys	Gln	Arg
				20					25					30
Gly	Pro	Asn	Ser	Ser	Lys	Gln	Leu	Leu	Lys	Ser	Asp	Val	Asn	Tyr
				35					40					45
Gln	Cys	Leu	Phe	Ser	Ala	His	Val	Leu	His	Leu	Arg	Gly	Val	Leu
				50					55					60
Thr	Thr	Gln	Pro	Val	Glu	Asp	Glu	Arg	Gly	Asn	Val	Phe	Leu	Trp
				65					70					75
Asn	Gly	Glu	Ile	Phe	Ser	Gly	Ile	Lys	Val	Glu	Ala	Glu	Glu	Asn
				80					85					90
Asp	Thr	Gln	Ile	Leu	Phe	Asn	Tyr	Leu	Ser	Ser	Cys	Lys	Asn	Glu
				95					100					105
Ser	Glu	Ile	Leu	Ser	Leu	Phe	Ser	Glu	Val	Gln	Gly	Pro	Trp	Ser
				110					115					120

Phe Ile Tyr Tyr Gin Ala Ser Ser His Tyr Leu Trp Phe Gly Arg  
 125 130 135  
 Asp Phe Phe Gly Arg Arg Ser Leu Leu Trp His Phe Ser Asn Leu  
 140 145 150  
 Gly Lys Ser Phe Cys Leu Ser Ser Val Gly Thr Gln Thr Ser Gly  
 155 160 165  
 Leu Ala Asn Gln Trp Gln Glu Val Pro Ala Ser Gly Leu Phe Arg  
 170 175 180  
 Ile Asp Leu Lys Ser Thr Val Ile Ser Arg Cys Ile Ile Leu Gln  
 185 190 195  
 Leu Tyr Pro Trp Lys Tyr Ile Ser Arg Glu Asn Ile Ile Glu Glu  
 200 205 210  
 Asn Val Asn Ser Leu Ser Gln Ile Ser Ala Asp Leu Pro Ala Phe  
 215 220 225  
 Val Ser Val Val Ala Asn Glu Ala Lys Leu Tyr Leu Glu Lys Pro  
 230 235 240  
 Val Val Pro Leu Asn Met Met Leu Pro Gln Ala Ala Leu Glu Thr  
 245 250 255  
 His Cys Ser Asn Ile Ser Asn Val Pro Pro Thr Arg Glu Ile Leu  
 260 265 270  
 Gln Val Phe Leu Thr Asp Val His Met Lys Glu Val Ile Gln Gin  
 275 280 285  
 Phe Ile Asp Val Leu Ser Val Ala Val Lys Lys Arg Val Leu Cys  
 290 295 300  
 Leu Pro Arg Asp Glu Asn Leu Thr Ala Asn Glu Val Leu Lys Thr  
 305 310 315  
 Cys Asp Arg Lys Ala Asn Val Ala Ile Leu Phe Ser Gly Gly Ile  
 320 325 330  
 Asp Ser Met Val Ile Ala Thr Leu Ala Asp Arg His Ile Pro Leu  
 335 340 345  
 Asp Glu Pro Ile Asp Leu Leu Asn Val Ala Phe Ile Ala Glu Glu  
 350 355 360  
 Lys Thr Met Pro Thr Thr Phe Asn Arg Glu Gly Asn Lys Gln Lys  
 365 370 375  
 Asn Lys Cys Glu Ile Pro Ser Glu Glu Phe Ser Lys Asp Val Ala  
 380 385 390  
 Ala Ala Ala Ala Asp Ser Pro Asn Lys His Val Ser Val Pro Asp  
 395 400 405  
 Arg Ile Thr Gly Arg Ala Gly Leu Lys Glu Leu Gln Ala Val Ser  
 410 415 420  
 Pro Ser Arg Ile Trp Asn Phe Val Glu Ile Asn Val Ser Met Glu  
 425 430 435  
 Glu Leu Gln Lys Leu Arg Arg Thr Arg Ile Cys His Leu Ile Arg  
 440 445 450  
 Pro Leu Asp Thr Val Leu Asp Asp Ser Ile Gly Cys Ala Val Trp  
 455 460 465  
 Phe Ala Ser Arg Gly Ile Gly Trp Leu Val Ala Gln Glu Gly Val  
 470 475 480  
 Lys Ser Tyr Gln Ser Asn Ala Lys Val Val Leu Thr Gly Ile Gly  
 485 490 495  
 Ala Asp Glu Gln Leu Ala Gly Tyr Ser Arg His Arg Val Arg Phe  
 500 505 510  
 Gln Ser His Gly Leu Glu Gly Leu Asn Lys Glu Ile Met Met Glu  
 515 520 525  
 Leu Gly Arg Ile Ser Ser Arg Asn Leu Gly Arg Asp Asp Arg Val  
 530 535 540  
 Ile Gly Asp His Gly Lys Glu Ala Arg Phe Pro Phe Leu Asp Glu  
 545 550 555  
 Asn Val Val Ser Phe Leu Asn Ser Leu Pro Ile Trp Glu Lys Ala  
 560 565 570  
 Asn Leu Thr Leu Pro Arg Gly Ile Gly Glu Lys Leu Leu Leu Arg  
 575 580 585  
 Leu Ala Ala Val Glu Leu Gly Leu Thr Ala Ser Ala Leu Leu Pro  
 590 595 600  
 Lys Arg Ala Met Gln Phe Gly Ser Arg Ile Ala Lys Met Glu Lys

605	610	615
Ile Asn Glu Lys Ala Ser Asp Lys Cys	Gly Arg Leu Gln Ile Met	
620	625	630
Ser Leu Glu Asn Leu Ser Ile Glu Lys Glu	Thr Lys Leu	
635	640	

<210> 6  
<211> 660  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2579405CD1

<400> 6

Met Asp Ile Leu Val Ser Glu Cys Ser Ala Arg Leu Leu Gln Gln		
1 5 10 15		
Glu Glu Glu Ile Lys Ser Leu Thr Ala Glu Ile Asp Arg Leu Lys		
20 25 30		
Asn Cys Gly Cys Leu Gly Ala Ser Pro Asn Leu Glu Gln Leu Gln		
35 40 45		
Glu Glu Asn Leu Lys Leu Lys Tyr Arg Leu Asn Ile Leu Arg Lys		
50 55 60		
Ser Leu Gln Ala Glu Arg Asn Lys Pro Thr Lys Asn Met Ile Asn		
65 70 75		
Ile Ile Ser Arg Leu Gln Glu Val Phe Gly His Ala Ile Lys Ala		
80 85 90		
Ala Tyr Pro Asp Leu Glu Asn Pro Pro Leu Leu Val Thr Pro Ser		
95 100 105		
Gln Gln Ala Lys Phe Gly Asp Tyr Gln Cys Asn Ser Ala Met Gly		
110 115 120		
Ile Ser Gln Met Leu Lys Thr Lys Glu Gln Lys Val Asn Pro Arg		
125 130 135		
Glu Ile Ala Glu Asn Ile Thr Lys His Leu Pro Asp Asn Glu Cys		
140 145 150		
Ile Glu Lys Val Glu Ile Ala Gly Pro Gly Phe Ile Asn Val His		
155 160 165		
Leu Arg Lys Asp Phe Val Ser Glu Gln Leu Thr Ser Leu Leu Val		
170 175 180		
Asn Gly Val Gln Leu Pro Ala Leu Gly Glu Asn Lys Lys Val Ile		
185 190 195		
Val Asp Phe Ser Ser Pro Asn Ile Ala Lys Glu Met His Val Gly		
200 205 210		
His Leu Arg Ser Thr Ile Ile Gly Glu Ser Ile Ser Arg Leu Phe		
215 220 225		
Glu Phe Ala Gly Tyr Asp Val Leu Arg Leu Asn His Val Gly Asp		
230 235 240		
Trp Gly Thr Gln Phe Gly Met Leu Ile Ala His Leu Gln Asp Lys		
245 250 255		
Phe Pro Asp Tyr Leu Thr Val Ser Pro Pro Ile Gly Asp Leu Gln		
260 265 270		
Val Phe Tyr Lys Glu Ser Lys Lys Arg Phe Asp Thr Glu Glu Glu		
275 280 285		
Phe Lys Lys Arg Ala Tyr Gln Cys Val Val Leu Leu Gln Gly Lys		
290 295 300		
Asn Pro Asp Ile Thr Lys Ala Trp Lys Leu Ile Cys Asp Val Ser		
305 310 315		
Arg Gln Glu Leu Asn Lys Ile Tyr Asp Ala Leu Asp Val Ser Leu		
320 325 330		
Ile Glu Arg Gly Glu Ser Phe Tyr Gln Asp Arg Met Asn Asp Ile		
335 340 345		
Val Lys Glu Phe Glu Asp Arg Gly Phe Val Gln Val Asp Asp Gly		
350 355 360		
Arg Lys Ile Val Phe Val Pro Gly Cys Ser Ile Pro Leu Thr Ile		
365 370 375		

Val	Lys	Ser	Asp	Gly	Gly	Tyr	Thr	Tyr	Asp	Thr	Ser	Asp	Leu	Ala
380									385					390
Ala	Ile	Lys	Gln	Arg	Leu	Phe	Glu	Glu	Lys	Ala	Asp	Met	Ile	Ile
					395				400					405
Tyr	Val	Val	Asp	Asn	Gly	Gln	Ser	Val	His	Phe	Gln	Thr	Ile	Phe
					410				415					420
Ala	Ala	Ala	Gln	Met	Ile	Gly	Trp	Tyr	Asp	Pro	Lys	Val	Thr	Arg
				425					430					435
Val	Phe	His	Ala	Gly	Phe	Gly	Val	Val	Leu	Gly	Asp	Lys	Lys	
				440					445					450
Lys	Phe	Lys	Thr	Arg	Ser	Gly	Glu	Thr	Val	Arg	Leu	Met	Asp	Leu
				455					460					465
Leu	Gly	Glu	Gly	Leu	Lys	Arg	Ser	Met	Asp	Lys	Leu	Lys	Glu	Lys
				470					475					480
Glu	Arg	Asp	Lys	Val	Leu	Thr	Ala	Glu	Glu	Leu	Asn	Ala	Ala	Gln
				485					490					495
Thr	Ser	Val	Ala	Tyr	Gly	Cys	Ile	Lys	Tyr	Ala	Asp	Leu	Ser	His
				500					505					510
Asn	Arg	Leu	Asn	Asp	Tyr	Ile	Phe	Ser	Phe	Asp	Lys	Met	Leu	Asp
				515					520					525
Asp	Arg	Gly	Asn	Thr	Ala	Ala	Tyr	Leu	Leu	Tyr	Ala	Phe	Thr	Arg
				530					535					540
Ile	Arg	Ser	Ile	Ala	Arg	Leu	Ala	Asn	Ile	Asp	Glu	Glu	Met	Leu
				545					550					555
Gln	Lys	Ala	Ala	Arg	Glu	Thr	Lys	Ile	Leu	Leu	Asp	His	Glu	Lys
				560					565					570
Glu	Trp	Lys	Leu	Gly	Arg	Cys	Ile	Leu	Arg	Phe	Pro	Glu	Ile	Leu
				575					580					585
Gln	Lys	Ile	Leu	Asp	Asp	Leu	Phe	Leu	His	Thr	Leu	Cys	Asp	Tyr
				590					595					600
Ile	Tyr	Glu	Leu	Ala	Thr	Ala	Phe	Thr	Glu	Phe	Tyr	Asp	Ser	Cys
				605					610					615
Tyr	Cys	Val	Glu	Lys	Asp	Arg	Gln	Thr	Gly	Lys	Ile	Leu	Lys	Val
				620					625					630
Asn	Met	Trp	Arg	Met	Leu	Leu	Cys	Glu	Ala	Val	Ala	Ala	Val	Met
				635					640					645
Ala	Lys	Gly	Phe	Asp	Ile	Leu	Gly	Ile	Lys	Pro	Val	Gln	Arg	Met
				650					655					660

<210> 7  
<211> 725  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2662427CD1

Met	Ala	Ala	Ala	Ser	Ala	Val	Ser	Val	Leu	Leu	Val	Ala	Ala	Glu
1					5				10					15
Arg	Asn	Arg	Trp	His	Arg	Leu	Pro	Ser	Leu	Leu	Leu	Pro	Pro	Arg
					20				25					30
Thr	Trp	Val	Trp	Arg	Gln	Arg	Thr	Met	Lys	Tyr	Thr	Thr	Ala	Thr
					35				40					45
Gly	Arg	Asn	Ile	Thr	Lys	Val	Leu	Ile	Ala	Asn	Arg	Gly	Glu	Ile
					50				55					60
Ala	Cys	Arg	Val	Met	Arg	Thr	Ala	Lys	Lys	Leu	Gly	Val	Gln	Thr
					65				70					75
Val	Ala	Val	Tyr	Ser	Glu	Ala	Asp	Arg	Asn	Ser	Met	His	Val	Asp
					80				85					90
Met	Ala	Asp	Glu	Ala	Tyr	Ser	Ile	Gly	Pro	Ala	Pro	Ser	Gln	Gln
					95				100					105
Ser	Tyr	Leu	Ser	Met	Glu	Lys	Ile	Ile	Gln	Val	Ala	Lys	Thr	Ser
					110				115					120

Ala Ala Gin Ala Ile His Pro Gly Cys Arg Phe Leu Ser Glu Asn  
 125 130 135  
 Met Glu Phe Ala Glu Leu Cys Lys Gln Glu Gly Ile Ile Phe Ile  
 140 145 150  
 Gly Pro Pro Pro Ser Ala Ile Arg Asp Met Gly Ile Lys Ser Thr  
 155 160 165  
 Ser Lys Ser Ile Met Ala Ala Ala Gly Val Pro Val Val Glu Gly  
 170 175 180  
 Tyr His Gly Glu Asp Gln Ser Asp Gln Cys Leu Lys Glu His Ala  
 185 190 195  
 Arg Arg Ile Gly Tyr Pro Val Met Ile Lys Ala Val Arg Gly Gly  
 200 205 210  
 Gly Gly Lys Gly Met Arg Ile Val Arg Ser Glu Gln Glu Phe Gln  
 215 220 225  
 Glu Gln Leu Glu Ser Ala Arg Arg Glu Ala Lys Lys Ser Phe Asn  
 230 235 240  
 Asp Asp Ala Met Leu Ile Glu Lys Phe Val Asp Thr Pro Arg His  
 245 250 255  
 Val Glu Val Gln Val Phe Gly Asp His His Gly Asn Ala Val Tyr  
 260 265 270  
 Leu Phe Glu Arg Asp Cys Ser Val Gln Arg Arg His Gln Lys Ile  
 275 280 285  
 Ile Glu Glu Ala Pro Ala Pro Gly Ile Lys Ser Glu Val Arg Lys  
 290 295 300  
 Lys Leu Gly Glu Ala Ala Val Arg Ala Ala Lys Ala Val Asn Tyr  
 305 310 315  
 Val Gly Ala Gly Thr Val Glu Phe Ile Met Asp Ser Lys His Asn  
 320 325 330  
 Phe Cys Phe Met Glu Met Asn Thr Arg Leu Gln Val Glu His Pro  
 335 340 345  
 Val Thr Glu Met Ile Thr Gly Thr Asp Leu Val Glu Trp Gln Leu  
 350 355 360  
 Arg Ile Ala Ala Gly Glu Lys Ile Pro Leu Ser Gln Glu Glu Ile  
 365 370 375  
 Thr Leu Gln Gly His Ala Phe Glu Ala Arg Ile Tyr Ala Glu Asp  
 380 385 390  
 Pro Ser Asn Asn Phe Met Pro Val Ala Gly Pro Leu Val His Leu  
 395 400 405  
 Ser Thr Pro Arg Ala Asp Pro Ser Thr Arg Ile Glu Thr Gly Val  
 410 415 420  
 Arg Gln Gly Asp Glu Val Ser Val His Tyr Asp Pro Met Ile Ala  
 425 430 435  
 Lys Leu Val Val Trp Ala Ala Asp Arg Gln Ala Ala Leu Thr Lys  
 440 445 450  
 Leu Arg Tyr Ser Leu Arg Gln Tyr Asn Ile Val Gly Leu Pro Thr  
 455 460 465  
 Asn Ile Asp Phe Leu Leu Asn Leu Ser Gly His Pro Glu Phe Glu  
 470 475 480  
 Ala Gly Asn Val His Thr Asp Phe Ile Pro Gln His His Lys Gln  
 485 490 495  
 Leu Leu Leu Ser Arg Lys Ala Ala Ala Lys Glu Ser Leu Cys Gln  
 500 505 510  
 Ala Ala Leu Gly Leu Ile Leu Lys Glu Lys Ala Met Thr Asp Thr  
 515 520 525  
 Phe Thr Leu Gln Ala His Asp Gln Phe Ser Pro Phe Ser Ser Ser  
 530 535 540  
 Ser Gly Arg Arg Leu Asn Ile Ser Tyr Thr Arg Asn Met Thr Leu  
 545 550 555  
 Lys Asp Gly Lys Asn Asn Val Ala Ile Ala Val Thr Tyr Asn His  
 560 565 570  
 Asp Gly Ser Tyr Ser Met Gln Ile Glu Asp Lys Thr Phe Gln Val  
 575 580 585  
 Leu Gly Asn Leu Tyr Ser Glu Gly Asp Cys Thr Tyr Leu Lys Cys  
 590 595 600  
 Ser Val Asn Gly Val Ala Ser Lys Ala Lys Leu Ile Ile Leu Glu

605	610	615
Asn Thr Ile Tyr Leu Phe Ser Lys Glu	Gly Ser Ile Glu Ile Asp	
620	625	630
Ile Pro Val Pro Lys Tyr Leu Ser Ser Val	Ser Ser Gln Glu Thr	
635	640	645
Gln Gly Gly Pro Leu Ala Pro Met Thr	Gly Thr Ile Glu Lys Val	
650	655	660
Phe Val Lys Ala Gly Asp Lys Val Lys	Ala Gly Asp Ser Leu Met	
665	670	675
Val Met Ile Ala Met Lys Met Glu His	Thr Ile Lys Ser Pro Lys	
680	685	690
Asp Gly Thr Val Lys Lys Val Phe Tyr	Arg Glu Gly Ala Gln Ala	
695	700	705
Asn Arg His Thr Pro Leu Val Glu Phe	Glu Glu Glu Ser Asp	
710	715	720
Lys Arg Glu Ser Glu		
725		

<210> 8  
<211> 644  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2844928CD1

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Met Ala Val Tyr Val Gly Met Leu Arg Leu Gly Arg Leu Cys Ala		
1 5 10 15		
Gly Ser Ser Gly Val Leu Gly Ala Arg Ala Ala Leu Ser Arg Ser		
20 25 30		
Trp Gln Glu Ala Arg Leu Gln Gly Val Arg Phe Leu Ser Ser Arg		
35 40 45		
Glu Val Asp Arg Met Val Ser Thr Pro Ile Gly Gly Leu Ser Tyr		
50 55 60		
Val Gln Gly Cys Thr Lys Lys His Leu Asn Ser Lys Thr Val Gly		
65 70 75		
Gln Cys Leu Glu Thr Thr Ala Gln Arg Val Pro Glu Arg Glu Ala		
80 85 90		
Leu Val Val Leu His Glu Asp Val Arg Leu Thr Phe Ala Gln Leu		
95 100 105		
Lys Glu Glu Val Asp Lys Ala Ala Ser Gly Leu Leu Ser Ile Gly		
110 115 120		
Leu Cys Lys Gly Asp Arg Leu Gly Met Trp Gly Pro Asn Ser Tyr		
125 130 135		
Ala Trp Val Leu Met Gln Leu Ala Thr Ala Gln Ala Gly Ile Ile		
140 145 150		
Leu Val Ser Val Asn Pro Ala Tyr Gln Ala Met Glu Leu Glu Tyr		
155 160 165		
Val Leu Lys Lys Val Gly Cys Lys Ala Leu Val Phe Pro Lys Gln		
170 175 180		
Phe Lys Thr Gln Gln Tyr Tyr Asn Val Leu Lys Gln Ile Cys Pro		
185 190 195		
Glu Val Glu Asn Ala Gln Pro Gly Ala Leu Lys Ser Gln Arg Leu		
200 205 210		
Pro Asp Leu Thr Thr Val Ile Ser Val Asp Ala Pro Leu Pro Gly		
215 220 225		
Thr Leu Leu Leu Asp Glu Val Val Ala Ala Gly Ser Thr Arg Gln		
230 235 240		
His Leu Asp Gln Leu Gln Tyr Asn Gln Gln Phe Leu Ser Cys His		
245 250 255		
Asp Pro Ile Asn Ile Gln Phe Thr Ser Gly Thr Thr Gly Ser Pro		
260 265 270		
Lys Gly Ala Thr Leu Ser His Tyr Asn Ile Val Asn Asn Ser Asn		
275 280 285		

Ile Leu Gly Glu Arg Leu Lys Leu His Glu Lys Thr Pro Glu Gln  
 290 295 300  
 Leu Arg Met Ile Leu Pro Asn Pro Leu Tyr His Cys Leu Gly Ser  
 305 310 315  
 Val Ala Gly Thr Met Met Cys Leu Met Tyr Gly Ala Thr Leu Ile  
 320 325 330  
 Leu Ala Ser Pro Ile Phe Asn Gly Lys Lys Ala Leu Glu Ala Ile  
 335 340 345  
 Ser Arg Glu Arg Gly Thr Phe Leu Tyr Gly Thr Pro Thr Met Phe  
 350 355 360  
 Val Asp Ile Leu Asn Gln Pro Asp Phe Ser Ser Tyr Asp Ile Ser  
 365 370 375  
 Thr Met Cys Gly Gly Val Ile Ala Gly Ser Pro Ala Pro Pro Glu  
 380 385 390  
 Leu Ile Arg Ala Ile Ile Asn Lys Ile Asn Met Lys Asp Leu Val  
 395 400 405  
 Val Ala Tyr Gly Thr Thr Glu Asn Ser Pro Val Thr Phe Ala His  
 410 415 420  
 Phe Pro Glu Asp Thr Val Glu Gln Lys Ala Glu Ser Val Gly Arg  
 425 430 435  
 Ile Met Pro His Thr Glu Ala Arg Ile Met Asn Met Glu Ala Gly  
 440 445 450  
 Thr Leu Ala Lys Leu Asn Thr Pro Gly Glu Leu Cys Ile Arg Gly  
 455 460 465  
 Tyr Cys Val Met Leu Gly Tyr Trp Gly Glu Pro Gln Lys Thr Glu  
 470 475 480  
 Glu Ala Val Asp Gln Asp Lys Trp Tyr Trp Thr Gly Asp Val Ala  
 485 490 495  
 Thr Met Asn Glu Gln Gly Phe Cys Lys Ile Val Gly Arg Ser Lys  
 500 505 510  
 Asp Met Ile Ile Arg Gly Gly Glu Asn Ile Tyr Pro Ala Glu Leu  
 515 520 525  
 Glu Asp Phe Phe His Thr His Pro Lys Val Gln Glu Val Gln Val  
 530 535 540  
 Arg His Leu Ala Gln Val Ser Pro Gln Lys Gln Glu Thr His Met  
 545 550 555  
 Asn Thr Val Met Ser Asp Ile Phe Leu Trp Pro Trp Asn Val Val  
 560 565 570  
 Gly Val Lys Asp Asp Arg Met Gly Glu Glu Ile Cys Ala Cys Ile  
 575 580 585  
 Arg Leu Lys Asp Gly Glu Glu Thr Thr Val Glu Glu Ile Lys Ala  
 590 595 600  
 Phe Cys Lys Gly Lys Ile Ser His Phe Lys Ile Pro Lys Tyr Ile  
 605 610 615  
 Val Phe Val Thr Asn Tyr Pro Leu Thr Ile Ser Gly Lys Ile Gln  
 620 625 630  
 Lys Phe Lys Leu Arg Glu Gln Met Glu Arg His Leu Asn Leu  
 635 640

<210> 9  
 <211> 504  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 3231586CD1

<400> 9  
 Met Phe Pro Arg Glu Lys Thr Trp Asn Ile Ser Phe Ala Gly Cys  
 1 5 10 15  
 Gly Phe Leu Gly Val Tyr Tyr Val Gly Val Ala Ser Cys Leu Arg  
 20 25 30  
 Glu His Ala Pro Phe Leu Val Ala Asn Ala Thr His Ile Tyr Gly  
 35 40 45  
 Ala Ser Ala Gly Ala Leu Thr Ala Thr Ala Leu Val Thr Gly Val

50	55	60
Cys Leu Gly Glu Ala Gly Ala Lys Phe Ile Glu Val Ser Lys Glu		
65	70	75
Ala Arg Lys Arg Phe Leu Gly Pro Leu His Pro Ser Phe Asn Leu		
80	85	90
Val Lys Ile Ile Arg Ser Phe Leu Leu Lys Val Leu Pro Ala Asp		
95	100	105
Ser His Glu His Ala Ser Gly Arg Leu Gly Ile Ser Leu Thr Arg		
110	115	120
Val Ser Asp Gly Glu Asn Val Ile Ile Ser His Phe Asn Ser Lys		
125	130	135
Asp Glu Leu Ile Gln Ala Asn Val Cys Ser Gly Phe Ile Pro Val		
140	145	150
Tyr Cys Gly Leu Ile Pro Pro Ser Leu Gln Gly Val Arg Tyr Val		
155	160	165
Asp Gly Gly Ile Ser Asp Asn Leu Pro Leu Tyr Glu Leu Lys Asn		
170	175	180
Thr Ile Thr Val Ser Pro Phe Ser Gly Glu Ser Asp Ile Cys Pro		
185	190	195
Gln Asp Ser Ser Thr Asn Ile His Glu Leu Arg Val Thr Asn Thr		
200	205	210
Ser Ile Gln Phe Asn Leu Arg Asn Leu Tyr Arg Leu Ser Lys Ala		
215	220	225
Leu Phe Pro Pro Glu Pro Leu Val Leu Arg Glu Met Cys Lys Gln		
230	235	240
Gly Tyr Arg Asp Gly Leu Arg Phe Leu Gln Arg Asn Gly Leu Leu		
245	250	255
Asn Arg Pro Asn Pro Leu Leu Ala Leu Pro Pro Ala Arg Pro His		
260	265	270
Gly Pro Glu Asp Lys Asp Gln Ala Val Glu Ser Ala Gln Ala Glu		
275	280	285
Asp Tyr Ser Gln Leu Pro Gly Glu Asp His Ile Leu Glu His Leu		
290	295	300
Pro Ala Arg Leu Asn Glu Ala Leu Leu Glu Ala Cys Val Glu Pro		
305	310	315
Thr Asp Leu Leu Thr Thr Leu Ser Asn Met Leu Pro Val Arg Leu		
320	325	330
Ala Thr Ala Met Met Val Pro Tyr Thr Leu Pro Leu Glu Ser Ala		
335	340	345
Leu Ser Phe Thr Ile Arg Leu Leu Glu Trp Leu Pro Asp Val Pro		
350	355	360
Glu Asp Ile Arg Trp Met Lys Glu Gln Thr Gly Ser Ile Cys Gln		
365	370	375
Tyr Leu Val Met Arg Ala Lys Arg Lys Leu Gly Arg His Leu Pro		
380	385	390
Ser Arg Leu Pro Glu Gln Val Glu Leu Arg Arg Val Gln Ser Leu		
395	400	405
Pro Ser Val Pro Leu Ser Cys Ala Ala Tyr Arg Glu Ala Leu Pro		
410	415	420
Gly Trp Met Arg Asn Asn Leu Ser Leu Gly Asp Ala Leu Ala Lys		
425	430	435
Trp Glu Glu Cys Gln Arg Gln Leu Leu Leu Gly Leu Phe Cys Thr		
440	445	450
Asn Val Ala Phe Pro Pro Glu Ala Leu Arg Met Arg Ala Pro Ala		
455	460	465
Asp Pro Ala Pro Ala Pro Ala Asp Pro Ala Ser Pro Gln His Gln		
470	475	480
Leu Ala Gly Pro Ala Pro Leu Leu Ser Thr Pro Ala Pro Glu Ala		
485	490	495
Arg Pro Val Ile Gly Ala Leu Gly Leu		
500		

&lt;210&gt; 10

&lt;211&gt; 489

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 3580770CD1

&lt;400&gt; 10

Met Lys Tyr Ile Leu Val Thr Gly Gly Val Ile Ser Gly Ile Gly  
 1 5 10 15  
 Lys Gly Ile Ile Ala Ser Ser Ile Gly Thr Ile Leu Lys Ser Cys  
 20 25 30  
 Gly Leu Arg Val Thr Ala Ile Lys Ile Asp Pro Tyr Ile Asn Ile  
 35 40 45  
 Asp Ala Gly Thr Phe Ser Pro Tyr Glu His Gly Glu Val Phe Val  
 50 55 60  
 Leu Asn Asp Gly Gly Glu Val Asp Leu Asp Leu Gly Asp Tyr Glu  
 65 70 75  
 Arg Phe Leu Asp Ile Asn Leu Tyr Lys Asp Thr Ile Val Thr Thr  
 80 85 90  
 Gly Lys Ile Tyr Gln His Val Ile Asn Lys Glu Arg Arg Gly Asp  
 95 100 105  
 Tyr Leu Gly Lys Thr Val Gln Val Val Pro His Ile Thr Asp Ala  
 110 115 120  
 Val Gln Glu Trp Val Met Asn Gln Ala Lys Val Pro Val Asp Gly  
 125 130 135  
 Asn Lys Glu Glu Pro Gln Ile Cys Val Ile Glu Leu Gly Gly Thr  
 140 145 150  
 Ile Gly Asp Ile Glu Gly Met Pro Phe Val Glu Ala Phe Arg Gln  
 155 160 165  
 Phe Gln Phe Lys Ala Lys Arg Glu Asn Phe Cys Asn Ile His Val  
 170 175 180  
 Ser Leu Val Pro Gln Leu Ser Ala Thr Gly Glu Gln Lys Thr Lys  
 185 190 195  
 Pro Thr Gln Asn Ser Val Arg Ala Leu Arg Gly Leu Gly Leu Ser  
 200 205 210  
 Pro Asp Leu Ile Val Cys Arg Ser Ser Thr Pro Ile Glu Met Ala  
 215 220 225  
 Val Lys Glu Lys Ile Ser Met Phe Cys His Val Asn Pro Glu Gln  
 230 235 240  
 Val Ile Cys Ile His Asp Val Ser Ser Thr Tyr Arg Val Pro Val  
 245 250 255  
 Leu Leu Glu Glu Gln Ser Ile Val Lys Tyr Phe Lys Glu Arg Leu  
 260 265 270  
 His Leu Pro Ile Gly Asp Ser Ala Ser Asn Leu Leu Phe Lys Trp  
 275 280 285  
 Arg Asn Met Ala Asp Arg Tyr Glu Arg Leu Gln Lys Ile Cys Ser  
 290 295 300  
 Ile Ala Leu Val Gly Lys Tyr Thr Lys Leu Arg Asp Cys Tyr Ala  
 305 310 315  
 Ser Val Phe Lys Ala Leu Glu His Ser Ala Leu Ala Ile Asn His  
 320 325 330  
 Lys Leu Asn Leu Met Val Ile Asp Met Pro Glu His Asn Pro Gly  
 335 340 345  
 Asn Leu Gly Gly Thr Met Arg Leu Gly Ile Arg Arg Thr Val Phe  
 350 355 360  
 Lys Thr Glu Asn Ser Ile Leu Arg Lys Leu Tyr Gly Asp Val Pro  
 365 370 375  
 Phe Ile Glu Glu Arg His Arg His Arg Phe Glu Val Asn Pro Asn  
 380 385 390  
 Leu Ile Lys Gln Phe Glu Gln Asn Asp Leu Ser Phe Val Gly Gln  
 395 400 405  
 Asp Val Asp Gly Asp Arg Met Glu Ile Ile Glu Leu Ala Asn His  
 410 415 420  
 Pro Tyr Phe Val Gly Val Gln Phe His Pro Glu Phe Ser Ser Arg  
 425 430 435  
 Pro Met Lys Pro Ser Pro Pro Tyr Leu Gly Leu Leu Leu Ala Ala  
 440 445 450

Thr Gly Asn Leu Asn Ala Tyr Leu Gln Gln Gly Cys Lys Leu Ser  
 455 460 465  
 Ser Ser Asp Arg Tyr Ser Asp Ala Ser Asp Asp Ser Phe Ser Glu  
 470 475 480  
 Pro Arg Ile Ala Glu Leu Glu Ile Ser  
 485

<210> 11  
 <211> 258  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 3778612CD1

<400> 11  
 Met Glu Arg Gln Lys Arg Lys Ala Asp Ile Glu Lys Gly Leu Gln  
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 Phe Ile Gln Ser Thr Leu Pro Leu Lys Gln Glu Glu Tyr Glu Ala  
 20 25 30  
 Phe Leu Leu Lys Leu Val Gln Asn Leu Phe Ala Glu Gly Asn Asp  
 35 40 45  
 Leu Phe Arg Glu Lys Asp Tyr Lys Gln Ala Leu Val Gln Tyr Met  
 50 55 60  
 Glu Gly Leu Asn Val Ala Asp Tyr Ala Ala Ser Asp Gln Val Ala  
 65 70 75  
 Leu Pro Arg Glu Leu Leu Cys Lys Leu His Val Asn Arg Ala Ala  
 80 85 90  
 Cys Tyr Phe Thr Met Gly Leu Tyr Glu Lys Ala Leu Glu Asp Ser  
 95 100 105  
 Glu Lys Ala Leu Gly Pro Asp Ser Glu Ser Ile Arg Ala Leu Phe  
 110 115 120  
 Arg Lys Ala Arg Ala Leu Asn Glu Leu Gly Arg His Lys Glu Ala  
 125 130 135  
 Tyr Glu Cys Ser Ser Arg Cys Ser Leu Ala Leu Pro His Asp Glu  
 140 145 150  
 Ser Val Thr Gln Leu Gly Gln Gly Pro Leu Gly Ser Gly Ala Ser  
 155 160 165  
 Trp Pro Gly Gln Ser Trp Ser Pro His Arg Val Arg Lys Arg Glu  
 170 175 180  
 Trp Glu Ala Glu Cys Asp Gly Glu Gly Gln Glu Asp Pro Phe  
 185 190 195  
 Asn Asp Glu Gly Asn Tyr Phe Ser Cys Glu Pro Ser Arg Ala Pro  
 200 205 210  
 Gly Trp Glu Ala Gln Arg Thr Glu Ser Gly Thr Cys Val Pro Pro  
 215 220 225  
 Gly Arg Gln Gly Gln Asp Gly Met Ala Ser Met Gly Ala Gly Trp  
 230 235 240  
 Val Gly Arg Asp Ala Ala Phe Leu Ser Trp Ala Val Ile Asn Leu  
 245 250 255  
 Met Val Leu

<210> 12  
 <211> 555  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 4574912CD1

<220>  
 <221> unsure  
 <222> 63-65  
 <223> unknown or other

<400> 12

Met	Glu	Gly	Ala	Val	Leu	Glu	Ala	Gly	Gly	Ala	Arg	Cys	Phe	Cys
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Arg	Phe	Gly	Cys	Glu	Leu	Ser	Lys	Tyr	Glu	Asn	Pro	Gly	Tyr	Ser
	20						25						30	
Ser	Pro	Arg	Ser	Asp	Tyr	Phe	Lys	Asn	Tyr	Met	Ile	Ile	Ile	Thr
	35						40						45	
Gln	Asn	Arg	Met	Ser	Phe	Leu	Ala	Asn	Met	Phe	His	Thr	Met	Asp
	50							55					60	
Cys	Val	Xaa	Xaa	Xaa	Arg	Tyr	Ser	Cys	Gly	Pro	Thr	Val	Tyr	Asp
	65						70						75	
His	Ala	His	Leu	Gly	His	Ala	Cys	Ser	Tyr	Val	Arg	Phe	Asp	Ile
	80							85					90	
Ile	Arg	Arg	Ile	Leu	Thr	Lys	Val	Phe	Gly	Cys	Ser	Ile	Val	Met
	95							100					105	
Val	Met	Gly	Ile	Thr	Asp	Val	Asp	Asp	Lys	Ile	Ile	Lys	Arg	Ala
	110							115					120	
Asn	Glu	Met	Asn	Ile	Ser	Pro	Ala	Ser	Leu	Ala	Ser	Leu	Tyr	Glu
	125							130					135	
Glu	Asp	Phe	Lys	Gln	Asp	Met	Ala	Ala	Leu	Lys	Val	Leu	Pro	Pro
	140							145					150	
Thr	Val	Tyr	Leu	Arg	Val	Thr	Glu	Asn	Ile	Pro	Gln	Ile	Ile	Ser
	155							160					165	
Phe	Ile	Glu	Gly	Ile	Ile	Ala	Arg	Gly	Asn	Ala	Tyr	Ser	Thr	Ala
	170							175					180	
Lys	Gly	Asn	Val	Tyr	Phe	Asp	Leu	Lys	Ser	Arg	Gly	Asp	Lys	Tyr
	185							190					195	
Gly	Lys	Leu	Val	Gly	Val	Val	Pro	Gly	Pro	Val	Gly	Glu	Pro	Ala
	200							205					210	
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	230							235					240	
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	245							250					255	
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	260							265					270	
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Gln	Cys	Glu	Gln	Trp	Gly	Asn	Tyr	Phe	Leu	His	Ser	Gly	His	Leu
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His	Ala	Lys	Gly	Lys	Glu	Glu	Lys	Met	Ser	Lys	Ser	Leu	Lys	Asn
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Tyr	Ile	Thr	Ile	Lys	Asp	Phe	Leu	Lys	Thr	Phe	Ser	Pro	Asp	Val
	320							325					330	
Phe	Arg	Phe	Phe	Cys	Leu	Arg	Ser	Ser	Tyr	Arg	Ser	Ala	Ile	Asp
	335							340					345	
Tyr	Ser	Asp	Ser	Ala	Met	Leu	Gln	Ala	Gln	Gln	Leu	Leu	Leu	Gly
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Leu	Gly	Ser	Phe	Leu	Glu	Asp	Ala	Arg	Ala	Tyr	Met	Lys	Gly	Gln
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Leu	Ala	Cys	Gly	Ser	Val	Arg	Glu	Ala	Met	Leu	Trp	Glu	Arg	Leu
	380							385					390	
Ser	Ser	Thr	Lys	Arg	Ala	Val	Lys	Ala	Ala	Leu	Ala	Asp	Asp	Phe
	395							400					405	
Asp	Thr	Pro	Arg	Val	Val	Asp	Ala	Ile	Leu	Gly	Leu	Ala	His	His
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	440							445					450	
Phe	Phe	Glu	Thr	Val	Gly	Ile	Ser	Leu	Ala	Asn	Gln	Gln	Tyr	Val
	455							460					465	
Ser	Gly	Asp	Gly	Ser	Glu	Ala	Thr	Leu	His	Gly	Val	Val	Asp	Glu
	470							475					480	

Leu	Val	Arg	Phe	Arg	Gln	Lys	Val	Arg	Gln	Phe	Ala	Leu	Ala	Met
485							490					495		
Pro	Glu	Ala	Thr	Gly	Asp	Ala	Arg	Arg	Gln	Gln	Leu	Leu	Glu	Arg
500							505					510		
Gln	Pro	Leu	Leu	Glu	Ala	Cys	Asp	Thr	Leu	Arg	Arg	Gly	Leu	Thr
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Ala	His	Gly	Ile	Asn	Ile	Lys	Asp	Arg	Ser	Ser	Thr	Thr	Ser	Thr
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 <213> Homo sapiens

<220>  
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Val	Leu	Gly	Ser	Ser	Gly	Leu	Phe	Asn	Asn	His	Gly	Leu	Gln	Val
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Gln	Gln	Gln	Gln	Arg	Asn	Leu	Ser	Leu	His	Glu	Tyr	Met	Ser	
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Val	Ala	Lys	Ser	Pro	Asp	Glu	Ala	Tyr	Ala	Ile	Ala	Lys	Lys	Leu
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Gly	Ser	Lys	Asp	Val	Val	Ile	Lys	Ala	Gln	Val	Leu	Ala	Gly	Gly
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Arg	Gly	Lys	Gly	Thr	Phe	Glu	Ser	Gly	Leu	Lys	Gly	Gly	Val	Lys
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Ile	Val	Phe	Ser	Pro	Glu	Glu	Ala	Lys	Ala	Val	Ser	Ser	Gln	Met
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Ile	Cys	Asn	Gln	Val	Leu	Val	Cys	Glu	Arg	Lys	Tyr	Pro	Arg	Arg
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Glu	Tyr	Tyr	Phe	Ala	Ile	Thr	Met	Glu	Arg	Ser	Phe	Gln	Gly	Pro
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Val	Leu	Ile	Gly	Ser	Ser	His	Gly	Gly	Val	Asn	Ile	Glu	Asp	Val
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Ala	Ala	Glu	Thr	Pro	Glu	Ala	Ile	Ile	Lys	Glu	Pro	Ile	Asp	Ile
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Glu	Glu	Gly	Ile	Lys	Lys	Glu	Gln	Ala	Leu	Gln	Leu	Ala	Gln	Lys
					215			220						225
Met	Gly	Phe	Pro	Pro	Asn	Ile	Val	Glu	Ser	Ala	Ala	Glu	Asn	Met
					230			235						240
Val	Lys	Leu	Tyr	Ser	Leu	Phe	Leu	Lys	Tyr	Asp	Ala	Thr	Met	Ile
					245			250						255
Glu	Ile	Asn	Pro	Met	Val	Glu	Asp	Ser	Asp	Gly	Ala	Val	Leu	Cys
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Met	Asp	Ala	Lys	Ile	Asn	Phe	Asp	Ser	Asn	Ser	Ala	Tyr	Arg	Gln
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Lys	Lys	Ile	Phe	Asp	Leu	Gln	Asp	Trp	Thr	Gln	Glu	Asp	Glu	Arg
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Asp	Lys	Asp	Ala	Ala	Lys	Ala	Asn	Leu	Asn	Tyr	Ile	Gly	Leu	Asp
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 Phe Lys Leu Ile Thr Ser Asp Lys Lys Val Leu Ala Ile Leu Val  
 365 370 375  
 Asn Ile Phe Gly Gly Ile Met Arg Cys Asp Val Ile Ala Gln Gly  
 380 385 390  
 Ile Val Met Ala Val Lys Asp Leu Glu Ile Lys Ile Pro Val Val  
 395 400 405  
 Val Arg Leu Gln Gly Thr Arg Val Asp Asp Ala Lys Ala Leu Ile  
 410 415 420  
 Ala Asp Ser Gly Leu Lys Ile Leu Ala Cys Asp Asp Leu Asp Glu  
 425 430 435  
 Ala Ala Arg Met Val Val Lys Leu Ser Glu Ile Val Thr Leu Ala  
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&lt;211&gt; 399

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

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&lt;223&gt; Incyte ID No: 5854855CD1

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 35 40 45  
 Phe Gly Ala Leu Gly Pro Ile Gly Pro Ser Ser Pro Gly Leu Thr  
 50 55 60  
 Leu Gly Gly Leu Ala Val Ser Glu His Arg Leu Ser Asn Lys Leu  
 65 70 75  
 Leu Ala Trp Ser Gly Val Leu Glu Trp Gln Glu Lys Arg Arg Pro  
 80 85 90  
 Tyr Ser Asp Ser Thr Ala Lys Leu Lys Arg Thr Leu Pro Cys Gln  
 95 100 105  
 Ala Tyr Val Asn Gln Gly Glu Asn Leu Glu Thr Asp Gln Trp Pro  
 110 115 120  
 Gln Lys Leu Ile Met Gln Leu Ile Pro Gln Gln Leu Leu Thr Thr  
 125 130 135  
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 140 145 150  
 Thr Asn Arg Asp Cys Asp Ser Leu Lys Gly Leu Cys Arg Ile Met  
 155 160 165  
 Gly Asn Gly Phe Ala Gly Cys Met Leu Phe Pro His Ile Ser Pro  
 170 175 180  
 Cys Glu Val Arg Val Leu Met Leu Leu Tyr Ser Ser Lys Lys Lys  
 185 190 195  
 Ile Phe Met Gly Leu Ile Pro Tyr Asp Gln Ser Gly Phe Val Ser  
 200 205 210  
 Ala Ile Arg Gln Val Ile Thr Thr Arg Lys Gln Ala Val Gly Pro  
 215 220 225  
 Gly Gly Val Asn Ser Gly Pro Val Gln Ile Val Asn Asn Lys Phe  
 230 235 240  
 Leu Ala Trp Ser Gly Val Met Glu Trp Gln Glu Pro Arg Pro Glu  
 245 250 255  
 Pro Asn Ser Arg Ser Lys Arg Trp Leu Pro Ser His Val Tyr Val  
 260 265 270  
 Asn Gln Gly Glu Ile Leu Arg Thr Glu Gln Trp Pro Arg Lys Leu

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Tyr Met Gln Leu Ile Pro Gln Gln Leu Leu	Thr Thr Leu Val	Pro	
290	295	300	
Leu Phe Arg Asn Ser Arg Leu Val Gln Phe His	Phe Thr Lys	Asp	
305	310	315	
Leu Glu Thr Leu Lys Ser Leu Cys Arg Ile Met	Asp Asn Gly	Phe	
320	325	330	
Ala Gly Cys Val His Phe Ser Tyr Lys Ala Ser	Cys Glu Ile Arg		
335	340	345	
Val Leu Met Leu Leu Tyr Ser Ser Glu Lys Lys	Ile Phe Ile Gly		
350	355	360	
Leu Ile Pro His Asp Gln Gly Asn Phe Val Asn	Gly Ile Arg Arg		
365	370	375	
Val Ile Ala Asn Gln Gln Gln Val Leu Gln Arg	Asn Leu Glu Gln		
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&lt;211&gt; 339

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

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Arg Arg Glu Gly Gly Asp Gly Glu Glu Gln Asp Val Gly Asp Ala			
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Gly Arg Leu Leu Leu Arg Val Leu His Val Ser Glu Asn Pro Val			
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Pro Leu Thr Val Arg Val Ser Pro Glu Val Arg Asp Val Arg Pro			
80		85	90
Tyr Ile Val Gly Ala Val Val Arg Gly Met Asp Leu Gln Pro Gly			
95		100	105
Asn Ala Leu Lys Arg Phe Leu Thr Ser Gln Thr Lys Leu His Glu			
110		115	120
Asp Leu Cys Glu Lys Arg Thr Ala Ala Thr Leu Ala Thr His Glu			
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Leu Arg Ala Val Lys Gly Pro Leu Leu Tyr Cys Ala Arg Pro Pro			
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Gln Asp Leu Lys Ile Val Pro Leu Gly Arg Lys Glu Ala Lys Ala			
155		160	165
Lys Glu Leu Val Arg Gln Leu Gln Leu Glu Ala Glu Glu Gln Arg			
170		175	180
Lys Gln Lys Lys Arg Gln Ser Val Ser Gly Leu His Arg Tyr Leu			
185		190	195
His Leu Leu Asp Gly Asn Glu Asn Tyr Pro Cys Leu Val Asp Ala			
200		205	210
Asp Gly Asp Val Ile Ser Phe Pro Pro Ile Thr Asn Ser Glu Lys			
215		220	225
Thr Lys Val Lys Lys Thr Thr Ser Asp Leu Phe Leu Glu Val Thr			
230		235	240
Ser Ala Thr Ser Leu Gln Ile Cys Lys Asp Val Met Asp Ala Leu			
245		250	255
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<213> *Homo sapiens*

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<213> Homo sapiens
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<212> DNA  
<213> *Homo sapiens*

<220>  
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&lt;210&gt; 25

&lt;211&gt; 1937

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 3580770CB1

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<220>  
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 <213> Homo sapiens

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 <223> Incyte ID No: 4574912CB1

<220>  
 <221> unsure  
 <222> 193, 196-198  
 <223> a, t, c, g, or other

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<210> 28  
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<213> *Homo sapiens*

<220>  
<221> misc\_feature  
<223> Incyte ID No: 5630806CB1

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<210> 29  
<211> 1477  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 5854855CB1

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<211> 1660  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 5993973CB1

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